10/629,276

STN STRUCTURE Search 11/25/03

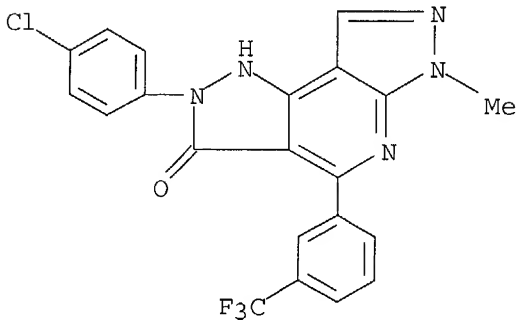
=> d ibib abs hitstr 1-7

L6 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2002:209621 CAPLUS
DOCUMENT NUMBER: 137:103581
TITLE: Small molecule ligands define a binding site on the immune regulatory protein B7.1
AUTHOR(S): Erbe, David V.; Wang, Suyue; Xing, Yuzhe; Tobin, James F.
CORPORATE SOURCE: Wyeth Research, Cambridge, MA, 02140, USA
SOURCE: Journal of Biological Chemistry (2002), 277(9), 7363-7368
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English

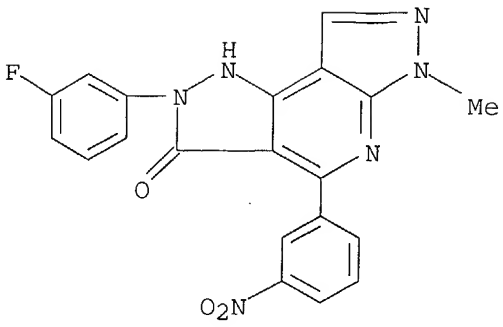
AB The interaction of co-stimulatory mols. on T cells with B7 mols. on antigen presenting cells plays an important role in the activation of naive T cells. Consequently, agents that disrupt these interactions should have applications in treatment of transplant rejection as well as autoimmune diseases. To this end, specific small mol. inhibitors of human B7.1 were identified and characterized. These compds. inhibit the binding of B7.1 to both CD28 and CTLA4. Both classes of compds. appear to bind the same site, a relatively small portion of the GFCC'C'' face of the N-terminal V-set domain of human B7.1, not present in the homologous B7.2 or even mouse B7.1. This site may represent a rare hot spot for small mol. antagonist design of inhibitors of cell-cell interactions, whose ligands may yield leads for the development of novel immunomodulatory medicines.

IT **443146-92-7 443146-93-8**
RL: PAC (Pharmacological activity); BIOL (Biological study)
(small mol. ligands define a binding site on the immune regulatory protein B7.1)

RN 443146-92-7 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 2-(4-chlorophenyl)-1,6-dihydro-6-methyl-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 443146-93-8 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 2-(3-fluorophenyl)-1,6-dihydro-6-methyl-4-(3-nitrophenyl)- (9CI) (CA INDEX NAME)

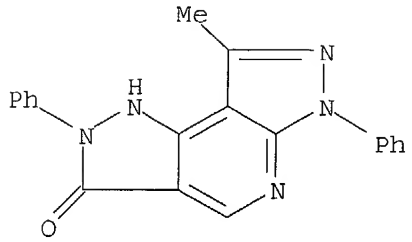


REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

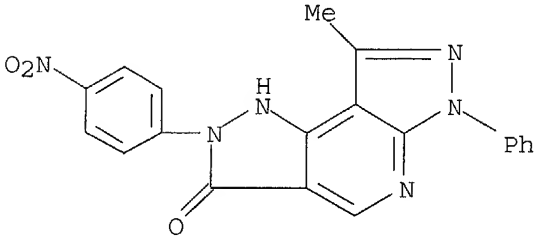
L6 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1998:131636 CAPLUS
DOCUMENT NUMBER: 128:192869
TITLE: Synthesis of .beta.-D-ribonucleosides derived from dipyrazolo[3,4-b:3'4'-d]pyridin-3-one system
AUTHOR(S): Bernardino, Alice M. R.; Nogueira, Christiane M.; de O. Lepesch, Carla M.; Gomes, Claudia R. B.; Schmitz, Francis J.; Romeiro, Gilberto A.; de S. Pereira, Helena; de P. P. Frughlhetti, Isabel C.; de Oliveira, Mara R. P.; de Souza, maria C. B. V.; Lee, Marietta Y. W. T.; Chaves, Salma A.; Ferreira, Vitor F.
CORPORATE SOURCE: Departamento de Quimica Organica, Instituto de Quimica, Universidade Federal Fluminense, Niteroi, 24020-150, Brazil
SOURCE: Heterocyclic Communications (1997), 3(6), 527-534
CODEN: HCOMEX; ISSN: 0793-0283
PUBLISHER: Freund Publishing House Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The new ribonucleosides 8-methyl-2,6-diphenyl-5-(2,3,5-tri-O-benzoyl-.beta.-D-ribofuranosyl)-2H,6H-dipyrazolo[3,4-b:3'4'-d]pyridin-3(5H)-one and 8-methyl-2-(p-nitrophenyl)-6-phenyl-5-(2,3,5-tri-O-benzoyl-.beta.-D-ribofuranosyl)-2H,6H-dipyrazolo[3,4-b:3'4'-d]pyridin-3(5H)-one were prepd. from stannic chloride-catalyzed ribosylations of the corresponding heterocycles. Attempts of de-O-benzoylation failed to give the free ribosides. The effect of these compds. on the catalytic activities of reverse transcriptase from recombinant immunodeficiency virus type 1 was evaluated. Some compds. inhibited the RNA dependent DNA polymerase activity of the enzyme by more than 50% at a concn. of 70 .mu.M. In contrast, human placental DNA polymerase activities .alpha. and .epsilon. were unaffected by this concn. The structures of the nucleosides are supported by 1D and 2D-NMR techniques (nOdes, HMBC and HMQC expts.).

IT **81153-40-4P 203719-80-6P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of ribonucleosides derived from a dipyrazolopyridinone system)
RN 81153-40-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-8-methyl-2,6-diphenyl- (9CI) (CA INDEX NAME)

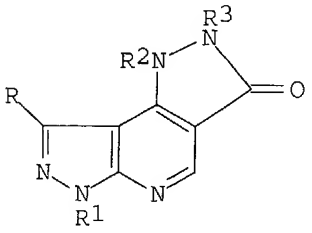


RN 203719-80-6 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-8-methyl-2-(4-nitrophenyl)-6-phenyl- (9CI) (CA INDEX NAME)

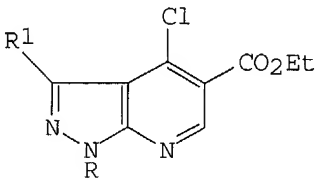


REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1982:142751 CAPLUS
DOCUMENT NUMBER: 96:142751
TITLE: Tricyclic heteroatomic ring systems. III. Synthesis of 1H,6H-dipyrazolo[3,4-b:3',4'-d]pyridin-3-ones
AUTHOR(S): Khan, Misbahul A.; Pedrotti, Francisco
CORPORATE SOURCE: Secao Quim., Inst. Mil. Eng., Rio de Janeiro, 22290, Brazil
SOURCE: Monatshefte fuer Chemie (1982), 113(1), 123-7
CODEN: MOCMB7; ISSN: 0026-9247
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

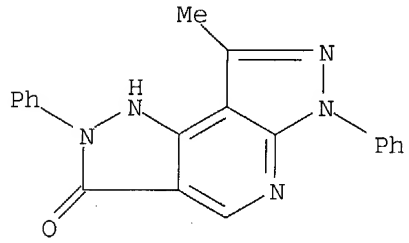


II

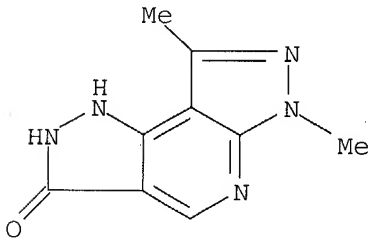
AB The title compds. I (R = R1 = Me, Ph; R = Me, R1 = Ph; R = Ph, R1 = Me; R2, R3 = H, Me, Ph) were prepd. in 17-96% yield by cyclization of the pyrazolopyrimidines II with hydrazines.

IT **81153-40-4P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

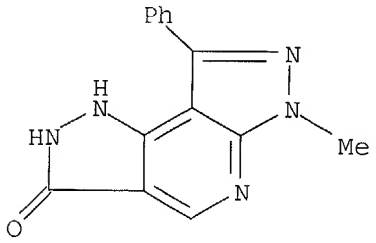
(prepn. and ring cleavage of)
RN 81153-40-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-8-methyl-2,6-diphenyl- (9CI) (CA INDEX NAME)



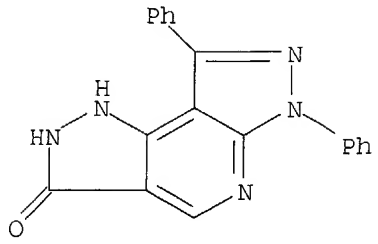
IT **81153-31-3P 81153-32-4P 81153-33-5P**
81153-34-6P 81153-35-7P 81153-36-8P
81153-37-9P 81153-38-0P 81153-39-1P
81153-41-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 81153-31-3 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-6,8-dimethyl- (9CI) (CA INDEX NAME)



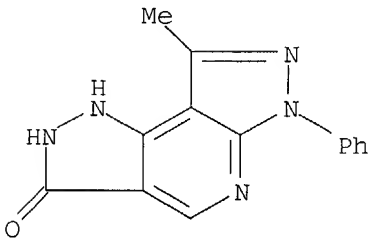
RN 81153-32-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-6-methyl-8-phenyl- (9CI) (CA INDEX NAME)



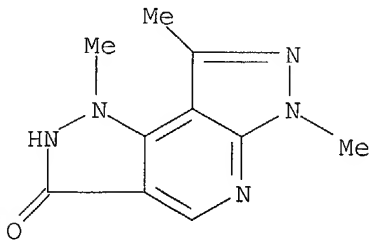
RN 81153-33-5 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-6,8-diphenyl- (9CI) (CA INDEX NAME)



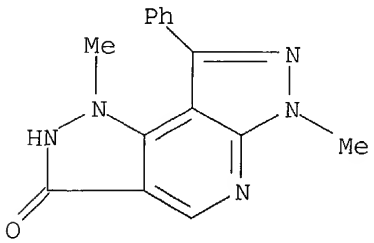
RN 81153-34-6 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-8-methyl-6-phenyl- (9CI) (CA INDEX NAME)



RN 81153-35-7 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1,6,8-trimethyl- (9CI) (CA INDEX NAME)

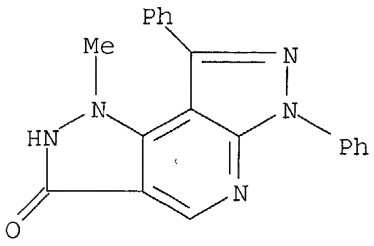


RN 81153-36-8 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1,6-dimethyl-8-phenyl- (9CI) (CA INDEX NAME)

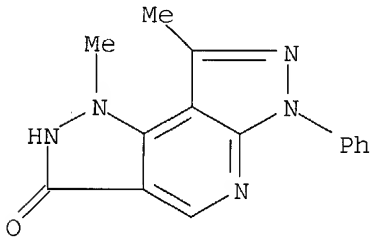


RN 81153-37-9 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1-methyl-6,8-

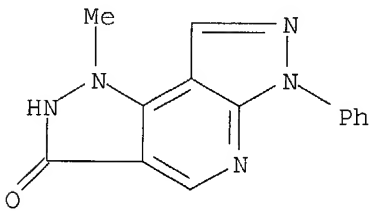
diphenyl- (9CI) (CA INDEX NAME)



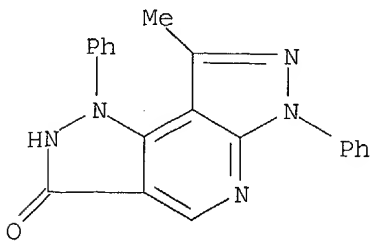
RN 81153-38-0 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1,8-dimethyl-6-phenyl- (9CI) (CA INDEX NAME)



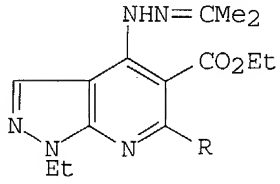
RN 81153-39-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1-methyl-6-phenyl- (9CI) (CA INDEX NAME)



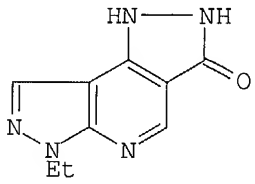
RN 81153-41-5 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-8-methyl-1,6-diphenyl- (9CI) (CA INDEX NAME)



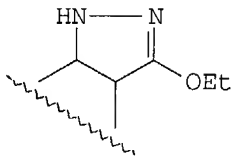
ACCESSION NUMBER: 1978:517633 CAPLUS
DOCUMENT NUMBER: 89:117633
TITLE: Hydrolysis and subsequent cyclization of etazolate hydrochloride and related compounds in aqueous solutions: application of PMR and mass spectrometry in accelerated stability studies
AUTHOR(S): Puar, Mohindar S.; Funke, Phillip T.; Cohen, Allen I.
CORPORATE SOURCE: Squibb Inst. Med. Res., Princeton, NJ, USA
SOURCE: Journal of Pharmaceutical Sciences (1978), 67(6), 850-3
CODEN: JPMSAE; ISSN: 0022-3549
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I, R=H, HCl
IV, R=Me



III

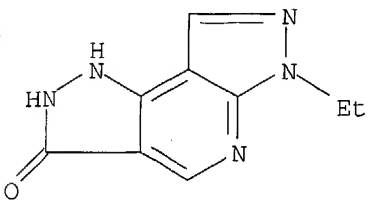


IV

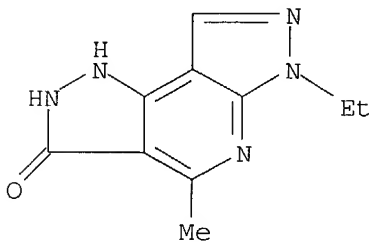
AB The hydrolysis of etazolate-HCl (I) [35838-58-5], an inhibitor of cyclic nucleotide 3',5'-monophosphate phosphodiesterase that degrades cyclic adenosine 3',5'-monophosphate (cyclic AMP) to AMP, and related compds. was studied by PMR and mass spectrometry. The compds. underwent reversible acid-catalyzed hydrolysis in aq. solns. at 60.degree., followed by cyclization to a major and a minor product formed by independent pathways. Under the exptl. conditions, the minor product was stable. The formation rate of the major product 6-ethyl-1,6-dihydrodipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)ione (II) [**37649-55-1**], was considerably greater than that of the minor component, 3-ethoxy-6-ethyl-1,6-dihydrodipyrazolo[3,4-b:3',4'-d]pyridine (III) [51700-83-5]. For the 6-Me analog (IV) [67324-49-6] of etazolate, the rate of Me deuteration was considerably slower than the rate of cyclization.

IT **37649-55-1**
RL: BIOL (Biological study)
(etazolate hydrolysis-cyclization product)

RN 37649-55-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro- (9CI) (CA INDEX NAME)



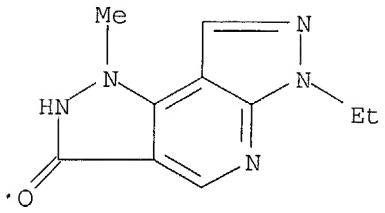
IT **67324-47-4**
RL: BIOL (Biological study)
(methyletazolate hydrolysis-cyclization product)
RN 67324-47-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-4-methyl- (9CI) (CA INDEX NAME)



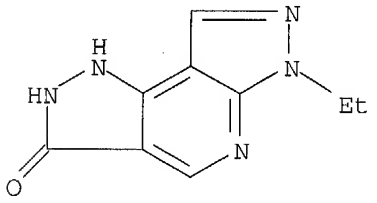
L6 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1974:108514 CAPLUS
DOCUMENT NUMBER: 80:108514
TITLE: Dipyrazolo[3,4-b:3'4'-d]pyridine derivatives and their salts
INVENTOR(S): Hoehn, Hans; Denzel, Theodor
PATENT ASSIGNEE(S): Chemische Fabrik von Heyden G.m.b.H.
SOURCE: Ger. Offen., 37 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2333603	A1	19740131	DE 1973-2333603	19730702
US 3787430	A	19740122	US 1972-271477	19720713
FR 2192831	A1	19740215	FR 1973-25831	19730713
JP 49051300	A2	19740518	JP 1973-79725	19730713

PRIORITY APPLN. INFO.: US 1972-271477 19720713
GI For diagram(s), see printed CA Issue.
AB Tranquilizing and antiasthmatic dipyrazolopyridines I (R = H, Me, Et, CH2Ph, CH2CH2CHMe2, (CH2)3NMe2, COC6H4Cl-p; R1 = Ph, Me, NH2, OEt, OMe, OH, OCH2CH2CHMe2; R2 = Et, CH2Ph) were prepd. Thus, 5-amino-1-ethylpyrazole was cyclized with EtOCH:C(COPh)CO2Et to give 5-benzoyl-1-ethyl-4-hydroxy-1H-pyrazolo[3,4-b]pyridine, which was chlorinated and cyclized with N2H4 to I (R = H, R1 = Ph, R2 = Et). Treatment with Cl(CH2)3NMe2 gave I (R = (CH2)3NMe2, R1 = Ph, R2 = Et).
IT **37649-62-0P 51700-79-9P 51700-81-3P**
51700-84-6P 51700-85-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and alkylation of)
RN 37649-62-0 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-methyl- (9CI) (CA INDEX NAME)

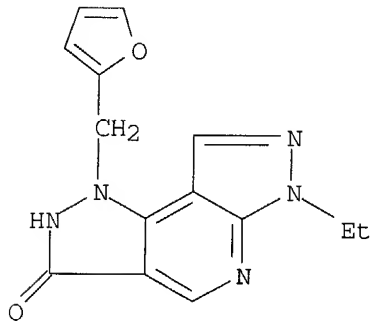


RN 51700-79-9 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-, monopotassium salt (9CI) (CA INDEX NAME)

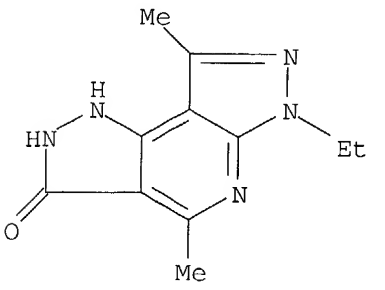


● K

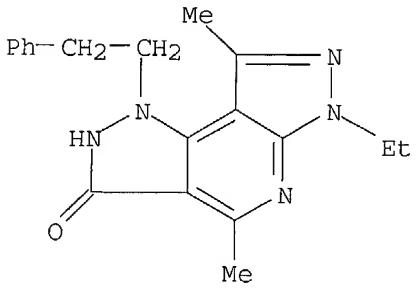
RN 51700-81-3 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1-(2-furanylmethyl)-1,6-dihydro- (9CI) (CA INDEX NAME)



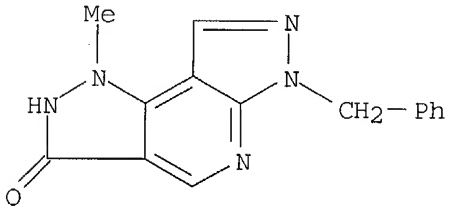
RN 51700-84-6 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-4,8-dimethyl- (9CI) (CA INDEX NAME)



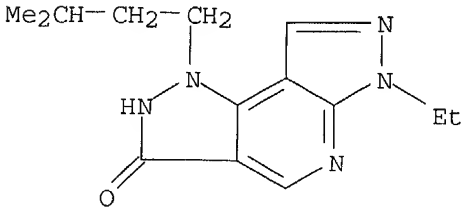
RN 51700-85-7 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-4,8-dimethyl-1-(2-phenylethyl)- (9CI) (CA INDEX NAME)



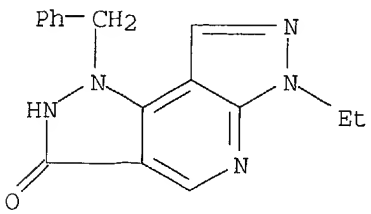
IT **37649-63-1P 51700-88-0P 51700-90-4P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 37649-63-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 51700-88-0 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-(3-methylbutyl)- (9CI) (CA INDEX NAME)



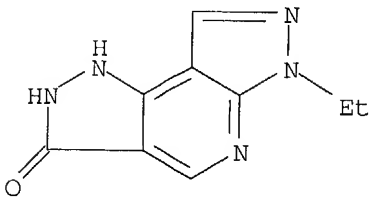
RN 51700-90-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-(phenylmethyl)- (9CI) (CA INDEX NAME)



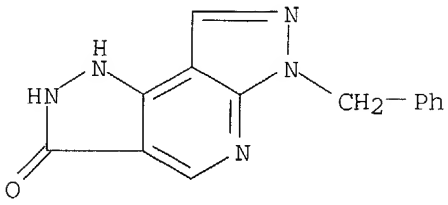
L6 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1972:514401 CAPLUS
DOCUMENT NUMBER: 77:114401
TITLE: 1,6-Dihydrodipyrazolo[3,4-b:3',4'-d]pyridine-3(2H)-ones
INVENTOR(S): Hoehn, Hans; Schulze, Ernst
PATENT ASSIGNEE(S): Chemische Fabrik von Heyden G.m.b.H.
SOURCE: Ger. Offen., 21 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2159600	A	19720608	DE 1971-2159600	19711201
US 3669950	A	19720613	US 1970-94179	19701201

PRIORITY APPLN. INFO.: US 1970-94179 19701201
GI For diagram(s), see printed CA Issue.
AB Seven title compds. (I, R = H, Me, CH2CH2OH, R1 = H, Ph, R2 = Et, CH2Ph) and their HCl salts, sedatives, tranquilizers, anxiolytics, and agents for increasing the cellular concn. of adenosine cyclic 3'5'-phosphate, were prepd. Reaction of the 5-aminopyrazoles (II) with EtOCH:C(CO2Et)2 gave the di-Et [(5-pyrazolyl)-aminomethylene]malonates (III), which were cyclized in Ph2O at .ltoreq.250.degree. to give the Et 4-hydroxy-1H-pyrazolo[3,4-b]pyridine-5-carboxylates (IV). These reacted either with EtI-K2CO3 to give IV 4-ethoxy analogs or with POCl3 to give IV 4-chloro analogs, either of which reacted with RNHNH2 or H2NNHR1 in EtOH in the presence of ZnCl2 to give the 4-hydrazino analogs, which were cyclized with Na in EtOH at reflux to give I. I (R = R1 = H) were methylated to give I (R = Me, R1 = H).
IT **37649-55-1P 37649-58-4P 37649-61-9P**
37649-62-0P 37649-63-1P 37649-64-2P
39022-83-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 37649-55-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro- (9CI) (CA INDEX NAME)

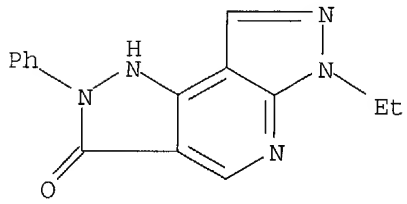


RN 37649-58-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-6-(phenylmethyl)-, hydrochloride (9CI) (CA INDEX NAME)

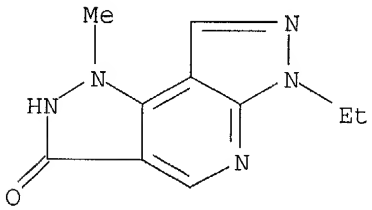


● x HCl

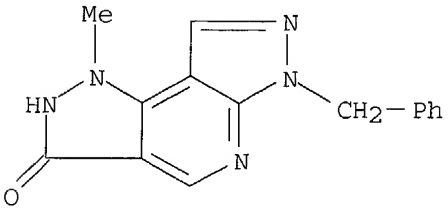
RN 37649-61-9 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-2-phenyl- (9CI) (CA INDEX NAME)



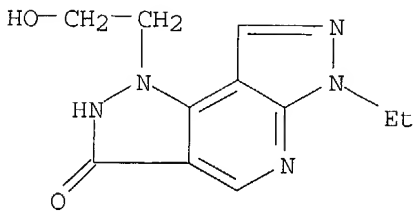
RN 37649-62-0 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-methyl- (9CI) (CA INDEX NAME)



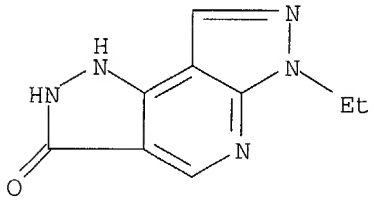
RN 37649-63-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1-methyl-6- (phenylmethyl)- (9CI) (CA INDEX NAME)



RN 37649-64-2 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-(2- hydroxyethyl)- (9CI) (CA INDEX NAME)



RN 39022-83-8 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-, hydrochloride (9CI) (CA INDEX NAME)



● x HCl

L6 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1972:488501 CAPLUS
DOCUMENT NUMBER: 77:88501
TITLE: Dipyrazolo[3,4-B:3',4'-D]-pyridin-3-ones
INVENTOR(S): Hoehn, Hans; Schulze, Ernest
PATENT ASSIGNEE(S): Squibb, E. R., and Sons, Inc.
SOURCE: U.S., 5 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

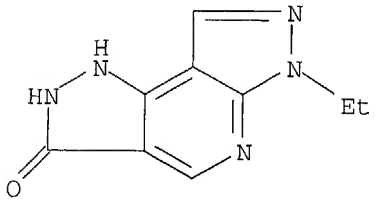
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3669950	A	19720613	US 1970-94179	19701201
CA 947766	A1	19740521	CA 1971-128355	19711123
GB 1374310	A	19741120	GB 1971-55068	19711126
HU 164974	P	19740528	HU 1971-SU693	19711130
DE 2159600	A	19720608	DE 1971-2159600	19711201
FR 2116469	A5	19720713	FR 1971-43127	19711201
FR 2116469	B1	19750418		
CH 540274	A	19730928	CH 1971-17467	19711201

PRIORITY APPLN. INFO.: US 1970-94179 19701201
GI For diagram(s), see printed CA Issue.
AB Dipyrazolopyridinones (I, R = Et, PhCH2; R1 = H, Me, HOCH2CH2; R2 = H, Ph) useful as tranquilizers and for increasing intracellular concn. of cyclic AMP were prepd. by cyclizing hydrazinopyrazolopyridinecarboxylates (II, R3 = NHNH2, NHNHPh, NMeNH2, N(CH2CH2OH)NH2). Thus, 1-ethyl-5-aminopyrazole was condensed with EtOCH:C(CO2Et)2 to 84% Et 1-ethyl-5-pyrazolylaminomethylenemalonate which was cyclized to 92% II (R = Et, R3 = OH). O-Ethylation of II (R = Et, R3 = OH) and treatment with NH2NH2.H2O gave II (R = Et, R3 = NHNH2), which (10 g) was cyclized to I (R = Et, R1 =

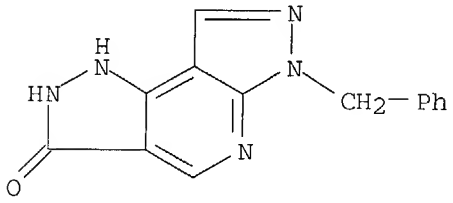
R2 = H); yield 8.5 g dihydrochloride.

IT **37649-55-1P 37649-58-4P 37649-61-9P**
37649-62-0P 37649-63-1P 37649-64-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 37649-55-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro- (9CI) (CA INDEX NAME)

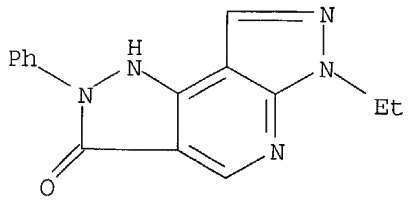


RN 37649-58-4 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-6-(phenylmethyl)-, hydrochloride (9CI) (CA INDEX NAME)

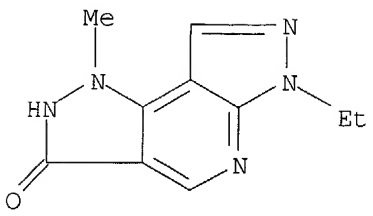


● x HCl

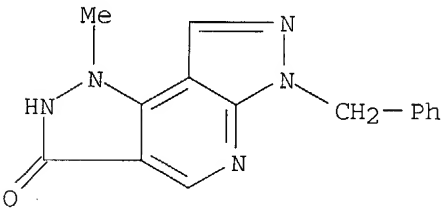
RN 37649-61-9 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-2-phenyl- (9CI) (CA INDEX NAME)



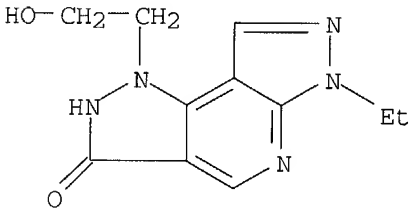
RN 37649-62-0 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-methyl- (9CI) (CA INDEX NAME)



RN 37649-63-1 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 1,6-dihydro-1-methyl-6-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 37649-64-2 CAPLUS
CN Dipyrazolo[3,4-b:3',4'-d]pyridin-3(2H)-one, 6-ethyl-1,6-dihydro-1-(2-hydroxyethyl)- (9CI) (CA INDEX NAME)



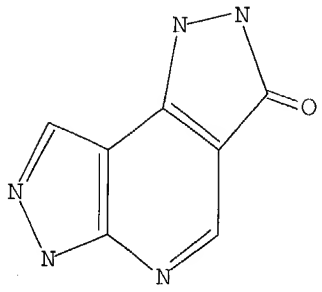
=> d his

(FILE 'HOME' ENTERED AT 16:28:51 ON 25 NOV 2003)

FILE 'REGISTRY' ENTERED AT 16:29:01 ON 25 NOV 2003
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 STRUCTURE UPLOADED
L4 1 S L3
L5 28 S L3 FULL

FILE 'CAPLUS' ENTERED AT 16:31:09 ON 25 NOV 2003
L6 7 S L5

=> d l3
L3 HAS NO ANSWERS
L3 STR



Structure attributes must be viewed using STN Express query preparation.

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L1 HAS NO ANSWERS
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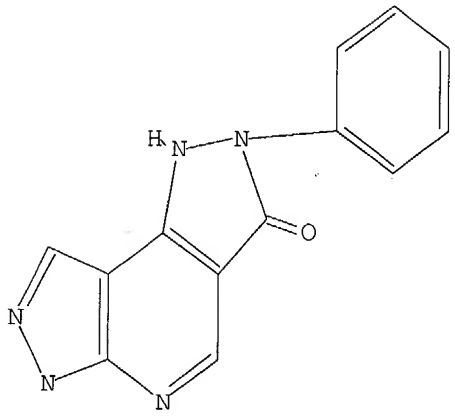

Structure attributes must be viewed using STN Express query preparation.